



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

NARRATIVE SUMMARY

TRIEM STEEL & PROCESSING, INC.

CHICAGO HEIGHTS, ILLINOIS

The Triem Steel & Processing, Inc. landfill site covers approximately 45 acres at 26th and State Street, Chicago Heights, in Cook County Illinois. Triem Steel operated the landfill under the name of Triem Industrial Building operations from 1947 to 1977. The facility was closed and capped in 1977. During its operation, the landfill accepted spent pickle liquor, oily wastes and municipal refuse. Quantities of these wastes are unknown. At present the landfill is owned by Bloom Township.

The area surrounding the site on the south, east and west is industrial or landfill property. A residential area is located on the north side of 26th Street, directly across from the landfill. Wastes were deposited in an unlined excavated area approximately 25 feet deep. Potential contamination of the dolomite bedrock aquifer below the site exists because of the close proximity of the bedrock to the wastes. Approximately 61,000 people in the surrounding communities use groundwater from this aquifer for drinking purposes.

At present, groundwater around the site is not being monitored.

EPA Region 5 Records Ctr.



360878

EXECUTIVE SUMMARY

Triem Steel and Processing, Inc. manufactures steel. In the manufacturing process, they generate the following waste:

1. sludge
2. heavy metal
3. acids, pickle liquor
4. oil waste, from pariffin base

At the present they generate 450,000 gallons a year of used pickle liquor.

In the past, they discharged the sludge (which had heavy metals, acids, and oil waste) in an old brick landfill. At the end of each day they would cover the fill with a mixture of soil and sludge.

They also used the pickle liquor acid to spray the area for rodent control.

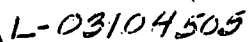
I recommend that soil, water samples be taken by F.I.T. contractor at the old landfill site.

LW:mkb:S/87

Maybe med
Need to see
Deepafe been corrected. R8/31

✓
ILD 001744572

EPA-203104505				POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT				I. IDENTIFICATION	
				01 STATE		02 SITE NUMBER			
				ILD		1744572			
II. SITE NAME AND LOCATION									
01 SITE NAME (Legal, common, or descriptive name of site)				02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER					
TRIEM STEEL & PROCESSING, INC.				26 th & STATE ST.					
03 CITY				04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST	
CHICAGO HEIGHT				IL	60411	COOK	031	07	
09 COORDINATES				LATITUDE		LONGITUDE			
				412860.0		0873815.0		HARVEY IL.	
10 DIRECTIONS TO SITE (Starting from nearest public road)									
CORNER 26 th & STATE ST									
III. RESPONSIBLE PARTIES									
01 OWNER (If known)				02 STREET (Business, mailing, residential)					
LEONARD TREIM				26 th & STATE ST.					
03 CITY				04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER			
CHICAGO HEIGHT.				IL	60411	217-757-6060			
07 OPERATOR (If known and different from owner)				08 STREET (Business, mailing, residential)					
CLAYTON WASSEROTT				26 th & STATE ST					
09 CITY				10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER			
CHICAGO, HEIGHT.				IL	60411	312-757-6060			
13 TYPE OF OWNERSHIP (Check one)									
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL									
<input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN									
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)									
<input checked="" type="checkbox"/> A. RCRA 3001 DATE RECEIVED: 11/13/80 MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> C. NONE									
IV. CHARACTERIZATION OF POTENTIAL HAZARD									
01 ON SITE INSPECTION				BY (Check all that apply)					
<input checked="" type="checkbox"/> YES DATE 06/28/77 MONTH DAY YEAR <input type="checkbox"/> NO 11-20-80				<input checked="" type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR					
				<input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)					
				CONTRACTOR NAME(S): _____					
02 SITE STATUS (Check one)				03 YEARS OF OPERATION					
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN				1947 BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN					
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED									
1- SLUDGE (TOXIC/PERSISTANT) 2- HEAVY METALS (TOXIC/PERSISTANT) 3- ACIDS (CORROSIVE) 4- OILY WASTE									
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION									
1- GROUND WATER. (ENVIRONMENT) 2- SURFACE WATER. (ENVIRONMENT)									
V. PRIORITY ASSESSMENT									
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)									
<input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)									
VI. INFORMATION AVAILABLE FROM									
01 CONTACT				02 OF (Agency/Organization)				03 TELEPHONE NUMBER	
MR. GEO. C. RANNEY				JOSEPH A. SCHUOT & ASS.				312-785-6162	
04 PERSON RESPONSIBLE FOR ASSESSMENT				05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER		08 DATE	
LARRY WINNER				IEPA	H.S.P.S.	217-782-9448		08/02/84 MONTH DAY YEAR	



I. IDENTIFICATION

01 STATE	02 SITE NUMBER
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FILED 1744572

01 PHYSICAL STATES (Check all that apply):

E SLURRY
F LIQUID
G GAS

5. D. OTHER _____
(Specify)

02 WASTE QUANTITY AT SITE
(Measures of waste quantities must be independent)

TONS

CUBIC YARDS 2200-YR.

NO OF DRUMS

☒ A TOXIC
☒ B CORROSIVE
☐ C RADIOACTIVE
☒ D PERSISTENT

E SOLUBLE
F INFECTIOUS
G FLAMMABLE
H IGNITABLE

I. HIGHLY VOLATILE
J. EXPLOSIVE
K. REACTIVE
L. INCOMPATIBLE
M. NOT APPLICABLE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	UNKNOWN	CY	HEAVY METALS, OIL WASTE
OLW	OILY WASTE	UNKNOWN		OIL FROM PAFIN
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS	2200-YR.	CY	CURRENT VOL. ^{OF} PICKLE, LIQUAR
BAS	BASES			
MES	HEAVY METALS			

[illegible]

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

IEPA = LAND & WATER DIV FILES



L-03104509

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL D 1744572

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: UNKNOWN

02 ☐ OBSERVED (DATE: JUNE 1977)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

SEE PAGE OF HEAVY METALS INTO GROUND WATER, FROM
THE OLD LANDFILL & LAGOON.

01 ☐ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: UNKNOWN

02 ☐ OBSERVED (DATE: JUNE 1977)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: UNKNOWN
(ACRES)

02 ☐ OBSERVED (DATE: JUNE 1977)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

1- USING PICKLE LIGUL ON LANDFILL; FOR RODENT CONTROL.

2- MIXING SOIL & SLUDGE FOR LANDFILL. FINAL COVER AT THE
END OF EACH WORK DAY

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



L-03104505

POTENTIAL HAZARDOUS WASTE SITE

PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

ILD 1744572

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

IEPA = LAND & WATER DIV. FILES